

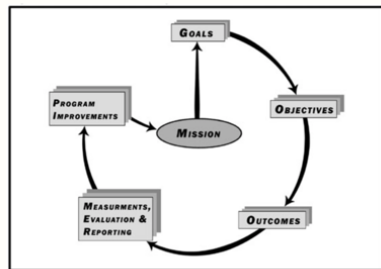
# SLO 22

## Lifelong Learning

This project serves as an overview of the student learning objective lifelong learning. As a hybrid senior project, the project-based portion is comprised of a paper with the intended purpose to prepare the reader for the lifelong learning component of the AIC Associate Constructor Exam. The key components of this project include exploring the core concepts of lifelong learning, providing an overview of the common avenues to achieve lifelong learning in the construction industry, and navigating techniques to overcome common obstacles presented in lifelong learning. Understanding lifelong learning is an important aspect to remain an involved citizen and industry member and allows construction professionals to continue to make valuable contributions to infrastructure throughout their careers. Similarly, a clear understanding of lifelong learning allows the Cal Poly Construction Management Department to best cater the curriculum to prepare students and graduates to engage in lifelong learning after graduation.

**Key Words: Learning, Education, Advancements, Careers, Development**

### Cal Poly Construction Management Department's Objective



MISSION = Values and principles that guide the curriculum  
 GOALS = Broad categories of abilities  
 LEARNING OBJECTIVES = Intended outcomes  
 LEARNING OUTCOMES = Actual outcomes (evidence of objectives met)

Figure 1: Cal Poly CM Mission Diagram (Cal Poly)

The figure above depicts the intended relationship between the department goals, student learning objectives, outcomes, results, improvements, and department mission. It is essential to understand this relationship in order to understand the SLO lifelong learning.

### Lifelong Learning in Construction Management

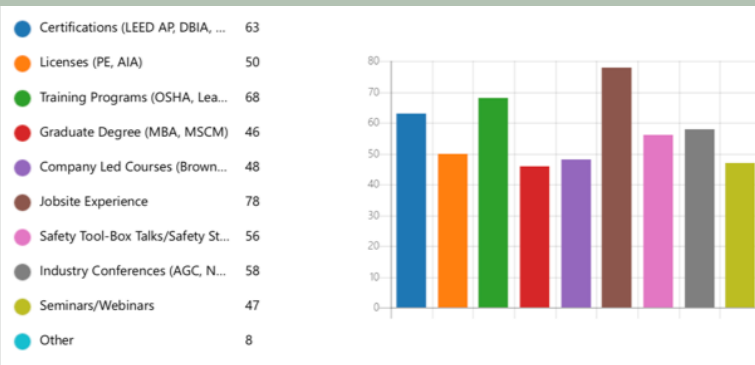


Figure 2: Lifelong Learning in Construction (Cal Poly 2020)

In a survey which received responses from 81 Cal Poly Construction Management students and graduates in the fall of 2020, the most widely accepted and important forms of lifelong learning were gauged. Participants selected what they considered to be lifelong learning in the construction industry.

Lifelong learning is the holistic growth of individual throughout one's lifetime - taking experiences and transforming them into learning senses, skills, or knowledge.

### Current Success of SLO Lifelong Learning

#### Employer Survey Results by Year

	2016	2018	2019	2020
Number of Responses	23	35	25	30
Unable to assess	9%	23%	8%	13%
Poor	0%	3%	0%	0%
Fair	13%	11%	4%	13%
Good	35%	29%	36%	20%
Very good	22%	31%	48%	30%
Excellent	22%	3%	4%	23%
Sum: Very good & Excellent	43%	34%	52%	53%
Sum: Good & above	78%	63%	88%	73%
Target	50%	50%	50%	50%

Figure 3: SLO 22 Success Rate (Cal Poly 2016-2020)

Every year, the Cal Poly Construction Management Department send a survey to gauge the success of the student learning objectives in order to better the program to meet the department mission. The survey results from 2016-2020 have exceeded the target of 50% or more participants responding that Cal Poly lifelong learning outcome is good to excellent. Despite the positive results, further focus on lifelong learning may reap even more favorable responses.